

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



557196

(43) International Publication Date
29 December 2005 (29.12.2005)

PCT

(10) International Publication Number
WO 2005/123074 A1

- (51) International Patent Classification⁷: **A61K 31/44, A61P 25/00**
- (21) International Application Number: **PCT/GB2004/002330**
- (22) International Filing Date: **1 June 2004 (01.06.2004)**
- (25) Filing Language: **English**
- (26) Publication Language: **English**
- (30) Priority Data:
0312419.5 **30 May 2003 (30.05.2003)** **GB**
- (71) Applicant (for all designated States except US): **BOOTS HEALTHCARE INTERNATIONAL LIMITED** [GB/GB]; 1 Thane Road West, Nottingham NG2 3AA (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **SUNDERRAJ, Palaniswamy** [IN/CH]; Bachsstrasse 11, CH-8162 Steinmür (CH). **SHEPHARD, Adrian** [GB/GB]; 44 Leicester Street, Long Eaton, Nottingham NG10 1FJ (GB). **JONES, Huw** [GB/GB]; 34 Archer Crescent, Wollaton, Nottingham NG8 1HB (GB).
- (74) Agents: **WALSH, David, Patrick et al.**; Appleyard Lees, 15 Clare Road, Halifax HX1 2HY (GB).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **USE OF A COMPOUND IN THE TREATMENT OF SLEEP DISORDERS**

(57) Abstract: There is disclosed the use of triprolidine, in combination with at least one further active pharmaceutical agent, for enabling an individual to wake refreshed after sleep and the method of treating such an individual with triprolidine. Use of triprolidine, in combination with at least one further active pharmaceutical agent, as active ingredient in the manufacture of a composition for the treatment of sleep disorders is also described. A method of treating sleep of a person suffering from a sleep disorder, which method comprises administration of an effective dose of triprolidine, in combination with at least one further active pharmaceutical agent, as active ingredient to such a person is also described. The triprolidine is administered shortly before a person wishes to fall asleep, preferably orally and most commonly in the form of a tablet containing up to 20mg, e.g. 0.1mg, 1.25mg or 2.5mg, of the active ingredient. The triprolidine is also effective in enabling an individual to sleep more easily. i

WO 2005/123074 A1